

Docket No.: KNAUFF-5
Serial No.: 10/756,835

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Currently amended) A permanent magnet structure module pre-fabricated for attachment to a shaft of a permanent-magnet excited synchronous motor for operating a machine tool or an electrically propelled vehicle, said module being sized for attachment as a unit to a circumferential portion of the shaft and comprising[(:)] a carrier; and plural permanent magnets placed on attached to at least one side of the carrier.
2. (Currently amended) The structure module of claim 1, wherein the carrier is a sleeve.
3. (Currently amended) The structure module of claim 1, wherein the carrier is made of soft magnetic material.
4. (Currently amended) The structure module of claim 1, wherein the carrier is made of amagnetic nonmagnetic material.
5. (Currently amended) The structure module of claim 1, wherein the carrier is made of amagnetic nonmagnetic material containing carbon fibers.
6. (Currently amended) The structure module of claim 5, wherein the carbon-fiber containing material is carbon fiber reinforced plastic (CFK).
7. (Currently amended) The structure module of claim 1, and further comprising a further carrier, said plural permanent magnets being sandwiched between the carriers, wherein one of the carriers is made of amagnetic nonmagnetic material and the other one of the carriers is made of soft magnetic material.

Docket No.: KNAUFF-5
Serial No.: 10/756,835

8. (Currently amended) The structure module of claim 7, wherein the permanent magnets have a radial thickness of: 3.5 mm, the amagnetic nonmagnetic carrier material has a thickness of 0.5-1.0 mm, and the soft-magnetic carrier material has a thickness of 0.5 mm.
9. (Currently amended) The structure module of claim 7, wherein the permanent magnets are potted between the carriers within a casting compound.
10. (Currently amended) The structure module of claim 1 having a configuration at least partly resembling a cylindrical jacket, wherein the permanent magnets are arranged axially behind one another or in axially offset relationship according to a predefined pattern.
11. (Currently amended and withdrawn) The structure module of claim 1, wherein the permanent magnets are arranged on the carrier to form a joint-type relationship to realize a flexibility of the structure module.
12. (Currently amended) The structure module of claim 1, wherein the permanent magnets have a thickness which is at least twice a thickness of the carrier.
13. (Currently amended) ~~In-a~~ A permanent-magnet excited synchronous motor for operating a machine tool or an electrically propelled vehicle, comprising having a rotor[.] which turns relative to a stator and includes a shaft and a pre-fabricated module sized for attachment as a unit to a circumferential portion of the shaft permanent magnet structure, wherein the permanent magnet structure comprises module is constructed to include a carrier, and plural permanent magnets placed on which are attached to at least one side of the carrier.

Docket No.: KNAUFF-5
Serial No.: 10/756,835

14. (Currently amended) The permanent-magnet excited synchronous motor of claim 13, wherein the structure module is attached to a the shaft by at least a process selected from the group consisting of shrinking, form-fitting securement, and material-interconnecting engagement, to thereby form the rotor.
15. (Canceled)
16. (New) The permanent-magnet excited synchronous motor of claim 13, wherein the module is received in a pocket of the shaft.